

CLAIMS

1. A reflector comprising a structured face that includes an iteration of prism elements of trapezoidal section.

2. The reflector according to claim 1 wherein the height of the section of the prism elements is constant.

3. The reflector according to claim 1 wherein the height of the section of the prism elements is decreasing progressively.

4. A backlight device comprising:

a light guide plate that propagates, reflects and diffuses light, disposed at the rear surface side of a display device;

a light source disposed at at least one end of the light guide plate; and

a reflector that reflects light from the light guide plate, disposed at the lower phase of the light guide plate;

wherein the reflector is the reflector according to any of claims 1 to 3.

5. The backlight device according to claim 4 using a light guide plate having reflective elements integrately formed on the surface adjacent to a liquid crystal display device, that emits light rays by means of these reflective elements in the direction of a reflector adjacent to that face of the light guide plate opposing the side of the light guide plate nearest to the liquid crystal display device.

6. The backlight device according to claim 5 wherein an anisotropic diffusion pattern is formed on the surface of the light guide plate opposing the surface on which the reflective elements are integrately formed.